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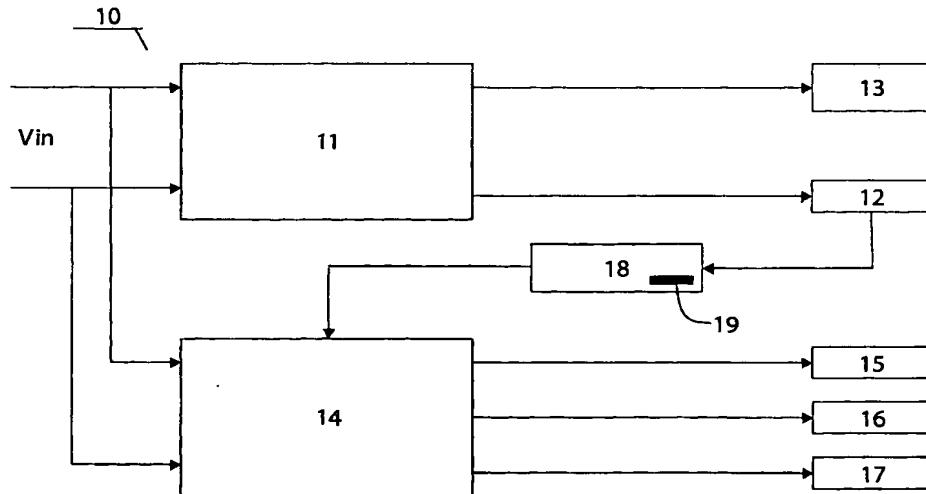
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(54) Title: A TUNER-COMPATIBLE SWITCH MODE POWER SUPPLY ARCHITECTURE



(57) Abstract: The present invention relates to a power supply arrangement (10) comprising a first power supply (11) which produces a first output voltage and supplies it to a first device (12), e.g. an AM/FM tuner, a receiver or some other equipment sensitive to switching operations, and a second power supply (14) which produces a second output voltage and supplies it to a second device (15, 16, 17), the second supply being operative when the first device is off. The power supply arrangement further comprises a control means (18) arranged to operate the second power supply. Typically, the control means turns the second power supply off when the first device is operating, and switches the second supply into operation when the first device is inoperative. The present invention enables a power supply arrangement which is suitable for use with an EMI sensitive device, which is cost-effective, small, highly efficient and has low standby power.

WO 2005/048441 A1



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